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OM protein - protein search, using SW model

Run on: August 26, 2003, 06:45:02 ; Search time 367 Seconds

(without alignments)  
40.316 Million cell updates/sec

Title: US-09-912-741B-2

Perfect score: 81

Sequence: 1 NNQKIVNLEKKAQLEA 17

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 5580241 seqs, 870357830 residues

Total number of hits satisfying chosen parameters: 756174

Minimum DB seq length: 0

Maximum DB seq length: 17

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Pending\_Patents\_AA\_Main:\*  
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31: /cgn2\_6/ptodata/1/paa/US10\_COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	81	100.0	17	24	US-09-912-740A-2
2	81	100.0	17	24	US-09-912-741A-2

3	81	100.0	17	24	US-09-912-741B-2	Sequence 2, Appli
4	38	46.9	13	21	US-09-711-161-188	Sequence 188, App
5	37	45.7	13	21	US-09-711-161-256	Sequence 256, App
6	35	43.2	13	21	US-09-711-161-116	Sequence 116, App
7	35	43.2	13	21	US-09-711-161-161	Sequence 161, App
8	35	43.2	13	21	US-09-711-161-189	Sequence 189, App
9	35	43.2	13	21	US-09-711-161-218	Sequence 218, App
10	34	42.0	13	21	US-09-711-161-110	Sequence 110, App
11	34	42.0	13	21	US-09-711-161-182	Sequence 182, App
12	34	42.0	13	21	US-09-711-161-257	Sequence 257, App
13	34	42.0	13	21	US-09-711-161-260	Sequence 260, App
14	34	42.0	13	21	US-09-165-878-24	Sequence 24, Appli
15	33	40.7	13	21	US-09-711-161-209	Sequence 209, App
16	33	40.7	13	21	US-09-711-161-252	Sequence 252, App
17	33	40.7	13	21	US-09-165-878-61	Sequence 61, Appli
18	33	40.7	17	26	US-10-099-056-2366	Sequence 2366, Ap
19	32	39.5	13	21	US-09-711-161-121	Sequence 121, App
20	32	39.5	13	21	US-09-711-161-159	Sequence 159, App
21	32	39.5	13	21	US-09-711-161-192	Sequence 192, App
22	32	39.5	13	21	US-09-711-161-236	Sequence 236, App
23	32	39.5	13	21	US-09-711-161-255	Sequence 255, App
24	32	39.5	13	21	US-09-711-161-272	Sequence 272, App
25	32	39.5	13	21	US-09-711-161-275	Sequence 275, App
26	32	39.5	14	15	US-09-165-878-25	Sequence 25, Appli
27	31	38.3	9	24	US-09-942-052-112	Sequence 112, App
28	31	38.3	9	24	US-09-942-052-223	Sequence 223, App
29	31	38.3	9	24	US-09-942-052-328	Sequence 328, App
30	31	38.3	9	24	US-09-942-052-426	Sequence 426, App
31	31	38.3	9	24	US-09-942-052-543	Sequence 543, App
32	31	38.3	9	24	US-09-942-052-623	Sequence 623, App
33	31	38.3	9	24	US-09-942-052A-112	Sequence 112, App
34	31	38.3	9	24	US-09-942-052A-223	Sequence 223, App
35	31	38.3	9	24	US-09-942-052A-328	Sequence 328, App
36	31	38.3	9	24	US-09-942-052A-426	Sequence 426, App
37	31	38.3	9	24	US-09-942-052A-543	Sequence 543, App
38	31	38.3	9	24	US-09-942-052A-623	Sequence 623, App
39	31	38.3	10	24	US-09-942-052-153	Sequence 153, App
40	31	38.3	10	24	US-09-942-052-289	Sequence 289, App
41	31	38.3	10	24	US-09-942-052-370	Sequence 370, App
42	31	38.3	10	24	US-09-942-052-391	Sequence 391, App
43	31	38.3	10	24	US-09-942-052-691	Sequence 691, App
44	31	38.3	10	24	US-09-942-052A-153	Sequence 153, App

## ALIGNMENTS

RESULT 1  
US-09-912-740A-2  
Sequence 2, Application US/09912740A  
GENERAL INFORMATION:  
APPLICANT: Altieri, Dario C  
APPLICANT: Langui, Lucia R  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING  
TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION  
FILE REFERENCE: 300.11v3  
CURRENT APPLICATION NUMBER: US/09/912,740A  
CURRENT FILING DATE: 2002-05-07  
PRIOR APPLICATION NUMBER: US 09/347,877  
PRIOR FILING DATE: 1999-07-06  
PRIOR APPLICATION NUMBER: US 08/746,150  
PRIOR FILING DATE: 1996-11-12  
PRIOR APPLICATION NUMBER: US 08/232,532  
PRIOR FILING DATE: 1994-04-25  
PRIOR APPLICATION NUMBER: US 08/139,562  
PRIOR FILING DATE: 1993-10-19  
PRIOR APPLICATION NUMBER: US 07/696,117  
PRIOR FILING DATE: 1992-06-12  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2

LENGTH: 17  
TYPE: PRT  
ORGANISM: Unknown  
FEATURE:  
OTHER INFORMATION: synthesized  
US-09-912-740A-2

Query Match 100.0%; Score 81; DB 24; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.9e-06;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLEKXVAOLEA 17  
DB 1 NNOKIVNLEKXVAOLEA 17

RESULT 2  
US-09-912-741A-2

Sequence 2, Application US/09912741A  
GENERAL INFORMATION:  
APPLICANT: Altieri, Dario C  
APPLICANT: Thornton, George B  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING  
FILE REFERENCE: 300.1D1V4  
CURRENT APPLICATION NUMBER: US/09/912,741A  
PRIOR FILING DATE: 2001-07-24  
PRIOR APPLICATION NUMBER: US 09/347,877  
PRIOR FILING DATE: 1999-07-06  
PRIOR APPLICATION NUMBER: US 08/748,150  
PRIOR FILING DATE: 1996-11-12  
PRIOR APPLICATION NUMBER: US 08/232,532  
PRIOR FILING DATE: 1994-04-25  
PRIOR APPLICATION NUMBER: US 08/139,562  
PRIOR FILING DATE: 1993-10-19  
PRIOR APPLICATION NUMBER: US 07/898,117  
PRIOR FILING DATE: 1993-06-12  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 17  
TYPE: PRT  
ORGANISM: Unknown  
FEATURE:  
OTHER INFORMATION: synthesized  
US-09-912-741A-2

Query Match 100.0%; Score 81; DB 24; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.9e-06;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLEKXVAOLEA 17  
DB 1 NNOKIVNLEKXVAOLEA 17

RESULT 3  
US-09-912-741B-2

Sequence 2, Application US/09912741B  
GENERAL INFORMATION:  
APPLICANT: Altieri, Dario C  
APPLICANT: Langino, Lucia R  
APPLICANT: Thornton, George B  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING  
FILE REFERENCE: 300.1D1V4  
CURRENT APPLICATION NUMBER: US/09/912,741B  
PRIOR FILING DATE: 2001-07-24  
PRIOR APPLICATION NUMBER: US 09/347,877  
PRIOR FILING DATE: 1999-07-06  
PRIOR APPLICATION NUMBER: US 08/748,150  
PRIOR FILING DATE: 1996-11-12

PRIOR APPLICATION NUMBER: US 08/232,532  
PRIOR FILING DATE: 1994-04-25  
PRIOR APPLICATION NUMBER: US 08/139,562  
PRIOR FILING DATE: 1993-10-19  
PRIOR APPLICATION NUMBER: US 07/898,117  
PRIOR FILING DATE: 1992-06-12  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 17  
TYPE: PRT  
ORGANISM: Unknown  
FEATURE:  
OTHER INFORMATION: synthesized  
US-09-912-741B-2

Query Match 100.0%; Score 81; DB 24; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.9e-06;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLEKXVAOLEA 17  
DB 1 NNOKIVNLEKXVAOLEA 17

RESULT 4  
US-09-711-161-188

Sequence 188, Application US/09711161  
GENERAL INFORMATION:  
APPLICANT: LEHRER, SAMUEL B.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE  
FILE REFERENCE: 55394(45406)  
CURRENT APPLICATION NUMBER: US/09/711,161  
PRIOR FILING DATE: 2000-11-12  
PRIOR APPLICATION NUMBER: 60/165,226  
PRIOR FILING DATE: 1999-11-12  
NUMBER OF SEQ ID NOS: 840  
SOFTWARE: Patencin Ver. 2.1  
SEQ ID NO 188  
LENGTH: 13  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a  
OTHER INFORMATION: 1 positions that reduce or abolish IgE antibody  
OTHER INFORMATION: reactivity to epitope 1  
US-09-711-161-188

Query Match 46.9%; Score 38; DB 21; Length 13;  
Best Local Similarity 58.3%; Pred. No. 39;  
Matches 7; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLEKXVAOLE 16  
DB 1 VVNLQKXWQOLE 12

RESULT 5  
US-09-711-161-256

Sequence 256, Application US/09711161  
GENERAL INFORMATION:  
APPLICANT: LEHRER, SAMUEL B.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE  
FILE REFERENCE: 55394(45406)  
CURRENT APPLICATION NUMBER: US/09/711,161  
PRIOR FILING DATE: 2000-11-12  
PRIOR APPLICATION NUMBER: 60/165,226  
PRIOR FILING DATE: 1999-11-12  
NUMBER OF SEQ ID NOS: 840

```
SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 256
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
; OTHER INFORMATION: reactivity to epitope 1
US-09-711-161-256
```

```
Query Match          45.7%; Score 37; DB 21; Length 13;
Best Local Similarity 50.0%; Pred. No. 56;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
```

```
OY 5 IVNLKEXVAOLE 16
    :|||:|||||
Db 1 VVNLQKRMQOLE 12
```

```
RESULT 6
US-09-711-161-116
; Sequence 116, Application US/09711161
; GENERAL INFORMATION:
; APPLICANT: LEHRER, SAMUEL B.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYOSIN
; FILE REFERENCE: 55394(45406)
; CURRENT APPLICATION NUMBER: US/09/711,161
; CURRENT FILING DATE: 2000-11-12
; PRIOR APPLICATION NUMBER: 60/165,226
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 840
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 116
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
; OTHER INFORMATION: reactivity to epitope 1
US-09-711-161-116
```

```
Query Match          43.2%; Score 35; DB 21; Length 13;
Best Local Similarity 50.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
```

```
OY 5 IVNLKEXVAOLE 16
    :|||:|||||
Db 1 VVNLQKRMQOLE 12
```

```
RESULT 7
US-09-711-161-161
; Sequence 161, Application US/09711161
; GENERAL INFORMATION:
; APPLICANT: LEHRER, SAMUEL B.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYOSIN
; FILE REFERENCE: 55394(45406)
; CURRENT APPLICATION NUMBER: US/09/711,161
; CURRENT FILING DATE: 2000-11-12
; PRIOR APPLICATION NUMBER: 60/165,226
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 840
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 161
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
```

```
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
; OTHER INFORMATION: reactivity to epitope 1
US-09-711-161-161
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```
Query Match          43.2%; Score 35; DB 21; Length 13;
Best Local Similarity 50.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
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```
OY 5 IVNLKEXVAOLE 16
    :|||:|||||
Db 1 VVNLQKRMQOLE 12
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```
RESULT 8
US-09-711-161-189
; Sequence 189, Application US/09711161
; GENERAL INFORMATION:
; APPLICANT: LEHRER, SAMUEL B.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYOSIN
; FILE REFERENCE: 55394(45406)
; CURRENT APPLICATION NUMBER: US/09/711,161
; CURRENT FILING DATE: 2000-11-12
; PRIOR APPLICATION NUMBER: 60/165,226
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 840
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 189
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
; OTHER INFORMATION: reactivity to epitope 1
US-09-711-161-189
```

```
Query Match          43.2%; Score 35; DB 21; Length 13;
Best Local Similarity 50.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
```

```
OY 5 IVNLKEXVAOLE 16
    :|||:|||||
Db 1 VVNLQKRMQOLE 12
```

```
RESULT 9
US-09-711-161-218
; Sequence 218, Application US/09711161
; GENERAL INFORMATION:
; APPLICANT: LEHRER, SAMUEL B.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYOSIN
; FILE REFERENCE: 55394(45406)
; CURRENT APPLICATION NUMBER: US/09/711,161
; CURRENT FILING DATE: 2000-11-12
; PRIOR APPLICATION NUMBER: 60/165,226
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 840
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 218
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody
; OTHER INFORMATION: reactivity to epitope 1
US-09-711-161-218
```

Query Match 43.2%; Score 35; DB 21; Length 13;  
Best Local Similarity 50.0%; Pred. No. 1.2e+02;  
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLKXKVAQLE 16  
:||||:|  
DB 1 VINLQKRMQOLE 12

RESULT 10  
US-09-711-161-110  
; Sequence 110, Application US/09711161  
; GENERAL INFORMATION:  
; APPLICANT: LEHRER, SAMUEL B.  
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYSOSIN  
; FILE REFERENCE: 55394(45406)  
; CURRENT FILING DATE: 2000-11-12  
; PRIOR APPLICATION NUMBER: 60/165,226  
; PRIOR FILING DATE: 1999-11-12  
; NUMBER OF SEQ ID NOS: 840  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 110  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a  
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody  
US-09-711-161-110

Query Match 42.0%; Score 34; DB 21; Length 13;  
Best Local Similarity 41.7%; Pred. No. 1.7e+02;  
Matches 5; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLKXKVAQLE 16  
:||||:|  
DB 1 VINLQKRMQOLE 12

RESULT 11  
US-09-711-161-182  
; Sequence 182, Application US/09711161  
; GENERAL INFORMATION:  
; APPLICANT: LEHRER, SAMUEL B.  
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYSOSIN  
; FILE REFERENCE: 55394(45406)  
; CURRENT APPLICATION NUMBER: US/09/711,161  
; CURRENT FILING DATE: 2000-11-12  
; PRIOR APPLICATION NUMBER: 60/165,226  
; PRIOR FILING DATE: 1999-11-12  
; NUMBER OF SEQ ID NOS: 840  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 182  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a  
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody  
; OTHER INFORMATION: reactivity to epitope 1  
US-09-711-161-182

Query Match 42.0%; Score 34; DB 21; Length 13;  
Best Local Similarity 50.0%; Pred. No. 1.7e+02;  
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLKXKVAQLE 16  
:||||:|  
DB 1 VINLQKRMQOLE 12

RESULT 12  
US-09-711-161-257  
; Sequence 257, Application US/09711161  
; GENERAL INFORMATION:  
; APPLICANT: LEHRER, SAMUEL B.  
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYSOSIN  
; FILE REFERENCE: 55394(45406)  
; CURRENT APPLICATION NUMBER: US/09/711,161  
; CURRENT FILING DATE: 2000-11-12  
; PRIOR APPLICATION NUMBER: 60/165,226  
; PRIOR FILING DATE: 1999-11-12  
; NUMBER OF SEQ ID NOS: 840  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 257  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a  
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody  
US-09-711-161-257

Query Match 42.0%; Score 34; DB 21; Length 13;  
Best Local Similarity 41.7%; Pred. No. 1.7e+02;  
Matches 5; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLKXKVAQLE 16  
:||||:|  
DB 1 VINLQKRMQOLE 12

RESULT 13  
US-09-711-161-260  
; Sequence 260, Application US/09711161  
; GENERAL INFORMATION:  
; APPLICANT: LEHRER, SAMUEL B.  
; TITLE OF INVENTION: RESPONSE AGAINST TROPOMYSOSIN  
; FILE REFERENCE: 55394(45406)  
; CURRENT APPLICATION NUMBER: US/09/711,161  
; CURRENT FILING DATE: 2000-11-12  
; PRIOR APPLICATION NUMBER: 60/165,226  
; PRIOR FILING DATE: 1999-11-12  
; NUMBER OF SEQ ID NOS: 840  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 260  
; LENGTH: 13  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a  
; OTHER INFORMATION: 1 positions that reduce or abolish IGE antibody  
; OTHER INFORMATION: reactivity to epitope 1  
US-09-711-161-260

Query Match 42.0%; Score 34; DB 21; Length 13;  
Best Local Similarity 41.7%; Pred. No. 1.7e+02;  
Matches 5; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 5 IVNLKXKVAQLE 16  
:||||:|  
DB 1 VINLQKRMQOLE 12

## RESULT 14

US-09-165-878-24  
 ; Sequence 24, Application US/09165878B  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Heggaard, Peter Mikael Helweg  
 ; TITLE OF INVENTION: Non-Dendritic Backbone Peptide Carrier  
 ; FILE REFERENCE: 2316.1009-000  
 ; CURRENT APPLICATION NUMBER: US/09/165,878B  
 ; CURRENT FILING DATE: 1998-10-02  
 ; EARLIER APPLICATION NUMBER: PCT/DK97/00146  
 ; EARLIER FILING DATE: 1997-04-03  
 ; EARLIER APPLICATION NUMBER: DK 0398/96  
 ; EARLIER FILING DATE: 1996-04-03  
 ; NUMBER OF SEQ ID NOS: 113  
 ; SOFTWARE: FASTSEQ for Windows Version 3.0  
 ; SEQ ID NO 24  
 ; LENGTH: 14  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Unknown  
 US-09-165-878-24

Query Match 42.0%; Score 34; DB 15; Length 14;  
 Best Local Similarity 53.8%; Pred. No. 1.9e+02;  
 Matches 7; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

OY 5 IVNLEKRVQLEA 17  
 : |||: |||  
 Db 1 VAKLEAKVAKLEA 13

## RESULT 15

US-09-711-161-209  
 ; Sequence 209, Application US/09711161  
 ; GENERAL INFORMATION:  
 ; APPLICANT: LEHRER, SAMUEL B.  
 ; APPLICANT: REESE, GERALD  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR MODIFYING AN IMMUNE  
 ; FILE REFERENCE: 55394(45406)  
 ; CURRENT APPLICATION NUMBER: US/09/711,161  
 ; CURRENT FILING DATE: 2000-11-12  
 ; PRIOR APPLICATION NUMBER: 60/165,226  
 ; PRIOR FILING DATE: 1999-11-12  
 ; NUMBER OF SEQ ID NOS: 840  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 209  
 ; LENGTH: 13  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Mutated Pen a  
 ; OTHER INFORMATION: 1 positions that reduce or abolish IGF antibody  
 ; OTHER INFORMATION: reactivity to epitope 1  
 US-09-711-161-209

Query Match 40.7%; Score 33; DB 21; Length 13;  
 Best Local Similarity 60.0%; Pred. No. 2.5e+02;  
 Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY 7 NUKKRVQLE 16  
 |||: |||  
 Db 3 NLQKKIQLE 12

Search completed: August 26, 2003, 06:54:25  
 Job time : 368 secs

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GenCore version 5.1.6  
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OM protein - protein search, using SW model

Run on: August 26, 2003, 06:47:13 ; Search time 23 Seconds  
(without alignments)  
20.102 Million cell updates/sec

Title: US-09-912-741B-2  
Perfect score: 81  
Sequence: 1 NNKIVLKEKVAQLDEA 17

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 130441 seqs, 27196460 residues

Total number of hits satisfying chosen parameters: 38808

Minimum DB seq length: 0  
Maximum DB seq length: 17

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Pending\_Patents\_AA\_New:\*  
1: /cgn2\_6/ptodata/1/paa/PCT\_NEW\_COMB.pep:\*  
2: /cgn2\_6/ptodata/1/paa/US06\_NEW\_COMB.pep:\*  
3: /cgn2\_6/ptodata/1/paa/US07\_NEW\_COMB.pep:\*  
4: /cgn2\_6/ptodata/1/paa/US08\_NEW\_COMB.pep:\*  
5: /cgn2\_6/ptodata/1/paa/US09\_NEW\_COMB.pep:\*  
6: /cgn2\_6/ptodata/1/paa/US10\_NEW\_COMB.pep:\*  
7: /cgn2\_6/ptodata/1/paa/US60\_NEW\_COMB.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	28	34.6	10	6	US-10-462-850-663
2	28	34.6	13	6	US-10-467-209-19
3	28	34.6	13	6	US-10-467-209-20
4	27	33.3	10	6	US-10-462-850-679
5	27	33.3	13	6	US-10-412-897-13
6	26	32.1	13	6	US-10-601-020-3
7	26	32.1	14	6	US-10-366-493-23
8	26	32.1	17	6	US-10-601-020-5
9	26	33.1	17	6	US-10-600-747-6
10	25	30.9	10	6	US-10-609-217-36
11	25	30.9	13	6	US-10-467-209-18
12	25	30.9	17	6	US-09-791-551-17
13	24	29.6	10	1	PCT-US03-18561-33
14	24	29.6	10	6	US-10-462-850-665
15	24	29.6	15	1	PCT-US02-14753A-813
16	24	29.6	17	6	US-10-388-230-7
17	23	28.4	8	6	US-10-624-428-45
18	23	28.4	8	6	US-10-182-252A-604
19	23	28.4	9	6	US-10-376-121A-83
20	23	28.4	10	5	US-09-390-061D-2188
21	23	28.4	10	5	US-09-390-061D-2838
22	23	28.4	11	5	US-09-390-061D-2777
23	23	28.4	12	6	US-10-601-837-27
24	23	28.4	13	6	US-10-467-114-10
25	23	28.4	15	5	US-09-390-061D-3310
26	22.5	27.8	9	5	US-09-390-061D-2182

27	22.5	27.8	9	5	US-09-390-061D-2832	Sequence 2832, Ap
28	22.5	27.8	10	5	US-09-390-061D-2798	Sequence 2798, Ap
29	22.5	27.8	11	5	US-09-390-061D-2183	Sequence 2183, Ap
30	22.5	27.8	11	5	US-09-390-061D-2833	Sequence 2833, Ap
31	22.5	27.8	15	5	US-09-390-061D-3483	Sequence 3483, Ap
32	22	27.2	9	7	US-60-490-788-6	Sequence 6, Appli
33	22	27.2	10	6	US-10-462-850-521	Sequence 928, App
34	22	27.2	12	6	US-10-624-429-371	Sequence 371, App
35	22	27.2	12	6	US-09-876-773-20	Sequence 20, Appl
36	22	27.2	14	6	US-10-609-217-178	Sequence 178, App
37	22	27.2	15	6	US-10-625-854-142	Sequence 142, App
38	22	27.2	16	5	US-09-723-544-45	Sequence 45, Appl
39	22	27.2	16	5	US-09-723-544-51	Sequence 51, Appl
40	22	27.2	16	6	US-10-372-111-3	Sequence 3, Appli
41	22	27.2	16	6	US-10-372-111-9	Sequence 9, Appli
42	22	27.2	16	6	US-10-621-401-213	Sequence 313, App
43	22	27.2	16	6	US-10-625-854-130	Sequence 130, App
44	22	27.2	16	6	US-10-625-854-143	Sequence 143, App
45	22	27.2	16	6	US-10-625-854-143	Sequence 143, App

## ALIGNMENTS

RESULT 1  
US-10-462-850-663  
Sequence 663, Application US/10462850  
GENERAL INFORMATION:  
APPLICANT: Proteom Ltd  
TITLE OF INVENTION: Complementary peptide ligands from the human genome  
FILE REFERENCE: Human patent  
CURRENT APPLICATION NUMBER: US/10/462,850  
CURRENT FILING DATE: 2003-06-17  
NUMBER OF SEQ ID NOS: 4203  
SOFTWARE: ProFoliant version 1.0  
SEQ ID NO 663  
LENGTH: 10  
TYPE: PRT  
ORGANISM: Homo Sapiens  
FEATURE:  
OTHER INFORMATION: In this patent.  
US-10-462-850-663

Query Match 34.6% Score 28; DB 6; Length 10;  
Best Local Similarity 71.4% Pred. No. 1.1e+02; Indels 0; Gaps 0;  
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 9 KEKVAQL 15  
|||:|:  
Db 4 KEKIAEL 10

RESULT 2  
US-10-467-209-19  
Sequence 19, Application US/10467209  
GENERAL INFORMATION:  
APPLICANT: Carr, Francis J.  
APPLICANT: Carter, Graham  
APPLICANT: Jones, Tim  
APPLICANT: Williams, Stephen  
TITLE OF INVENTION: MODIFIED INTERLEUKIN-1 RECEPTOR  
TITLE OF INVENTION: ANTAGONIST (IL-1R) WITH REDUCED IMMUNOGENICITY  
FILE REFERENCE: MER-110  
CURRENT APPLICATION NUMBER: US/10/467,209  
CURRENT FILING DATE: 2003-08-05  
PRIOR APPLICATION NUMBER: 01102573.1  
PRIOR FILING DATE: 2001-02-06  
PRIOR APPLICATION NUMBER: 01103954.2  
PRIOR FILING DATE: 2001-02-19  
PRIOR APPLICATION NUMBER: PCT/EP02/01170  
PRIOR FILING DATE: 2002-02-05  
NUMBER OF SEQ ID NOS: 52

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MHC class II binding epitope of human Ieptin
US-10-467-209-19

Query Match          34.6%; Score 28; DB 6; Length 13;
Best Local Similarity 71.4%; Pred. No. 1.5e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      6 VNLKERV 12
      |||:|:|
Db      3 VNLKEKI 9

RESULT 3
US-10-467-209-20
; Sequence 20, Application US/10467209
; GENERAL INFORMATION:
; APPLICANT: Carr, Francis J.
; APPLICANT: Carter, Graham
; APPLICANT: Jones, Tim
; APPLICANT: Williams, Stephen
; TITLE OF INVENTION: MODIFIED INTERLEUKIN-1 RECEPTOR
; TITLE OF INVENTION: ANTAGONIST (IL-1RA) WITH REDUCED IMMUNOGENICITY
; FILE REFERENCE: MER-110
; CURRENT APPLICATION NUMBER: US/10/467,209
; CURRENT FILING DATE: 2003-08-05
; PRIOR APPLICATION NUMBER: 01102573.1
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: 01103954.2
; PRIOR FILING DATE: 2001-02-19
; PRIOR APPLICATION NUMBER: PCT/EP02/01170
; PRIOR FILING DATE: 2002-02-05
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MHC class II binding epitope of human Ieptin
US-10-467-209-20

Query Match          34.6%; Score 28; DB 6; Length 13;
Best Local Similarity 71.4%; Pred. No. 1.5e+02;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      6 VNLKERV 12
      |||:|:|
Db      1 VNLKEKI 7

RESULT 4
US-10-462-850-679
; Sequence 679, Application US/10462850
; GENERAL INFORMATION:
; APPLICANT: Proteom Ltd
; TITLE OF INVENTION: Complementary peptide ligands from the human genome
; FILE REFERENCE: Human patent
; CURRENT APPLICATION NUMBER: US/10/462,850
; CURRENT FILING DATE: 2003-06-17
; NUMBER OF SEQ ID NOS: 4203
; SOFTWARE: ProPatent version 1.0
; SEQ ID NO 679
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Homo Sapiens
; FEATURE:
; OTHER INFORMATION: sequence located in APOB at 4464-4473 and may interact with Sequ
```

```

; OTHER INFORMATION: in this patent.
US-10-462-850-679

Query Match          33.3%; Score 27; DB 6; Length 10;
Best Local Similarity 62.5%; Pred. No. 1.6e+02;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy      10 EKVAQLEA 17
      |||:|:|
Db      1 EKIAELSA 8

RESULT 5
US-10-412-897-13
; Sequence 13, Application US/10412897
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL POLYPEPTIDES ENCODING THE HUMAN CITRON KINASE
; TITLE OF INVENTION: POLYPEPTIDE, BMSNKC_0020/0021
; FILE REFERENCE: D0193 NP
; CURRENT APPLICATION NUMBER: US/10/412,897
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: U.S. 60/372,745
; PRIOR FILING DATE: 2002-04-12
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-412-897-13

Query Match          33.3%; Score 27; DB 6; Length 13;
Best Local Similarity 55.6%; Pred. No. 2.1e+02;
Matches 5; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy      1 NMOKIVNLK 9
      |||:|:|
Db      5 NSNMVNVNAK 13

RESULT 6
US-10-601-020-3
; Sequence 3, Application US/10601020
; GENERAL INFORMATION:
; APPLICANT: Branch, Andrea D.
; APPLICANT: Malewski, Jose L.
; TITLE OF INVENTION: NOVEL HEPATITIS C VIRUS PEPTIDES AND USES THEREOF
; FILE REFERENCE: RII-003CPUSCN
; CURRENT APPLICATION NUMBER: US/10/601,020
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 09/719277
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: US 60/088670
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: US 60/089138
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: PCT/US99/12929
; PRIOR FILING DATE: 1999-06-09
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Hepatitis C virus
; FEATURE:
; NAME/KEY: Variant
; LOCATION: 8
; OTHER INFORMATION: Xaa = Asn or Lys
; FEATURE:
; NAME/KEY: Variant
; LOCATION: 9
```



OTHER INFORMATION: Xaa = Val or Glu  
FEATURE:  
NAME/KEY: Variant  
LOCATION: 13  
OTHER INFORMATION: Xaa = Ala or Val  
US-10-601-020-3

Query Match 32.1%; Score 26; DB 6; Length 13;  
Best Local Similarity 83.3%; Pred. No. 2.9e+02;  
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 6 UNLKER 11  
:|||||  
Db 1 INLKER 6

RESULT 7  
US-10-366-493-23  
Sequence 23, Application US/10366493  
GENERAL INFORMATION:  
APPLICANT: Robbins, Paul D.  
APPLICANT: Mi, Zhibao  
APPLICANT: Fritzell, Raymond  
APPLICANT: Glorioso, Joseph C.  
APPLICANT: Gambotto, Andrea  
APPLICANT: Mai, Jeffrey C.  
TITLE OF INVENTION: IDENTIFICATION OF PEPTIDES THAT FACILITATE UPTAKE AND CYTOPLASMIC  
TITLE OF INVENTION: NUCLEAR TRANSPORT  
FILE REFERENCE: AP32573-A-A-A 072396.0246  
CURRENT FILING DATE: 2003-02-12  
PRIOR APPLICATION NUMBER: US/10/366,493  
PRIOR FILING DATE: 2002-02-13  
PRIOR APPLICATION NUMBER: 10/075,869  
PRIOR FILING DATE: 2000-08-31  
PRIOR APPLICATION NUMBER: 09/653,182  
PRIOR FILING DATE: 2000-08-31  
PRIOR APPLICATION NUMBER: 60/188,944  
PRIOR FILING DATE: 2000-03-13  
PRIOR APPLICATION NUMBER: 60/151,980  
PRIOR FILING DATE: 1999-09-01  
NUMBER OF SEQ ID NOS: 107  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 23  
LENGTH: 14  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antimicrobial apoptotic peptide (KLA)  
US-10-366-493-23

Query Match 32.1%; Score 26; DB 6; Length 14;  
Best Local Similarity 41.7%; Pred. No. 3.1e+02;  
Matches 5; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

OY 4 KIVNLKRYAQL 15  
:|:|:|:|:|  
Db 1 KLAKLAKKLAKL 12

RESULT 8  
US-10-601-020-5  
Sequence 5, Application US/10601020  
GENERAL INFORMATION:  
APPLICANT: Branch, Andrea D.  
APPLICANT: Walewski, Jose L.  
APPLICANT: Stump, Dechard D.  
TITLE OF INVENTION: NOVEL HEPATITIS C VIRUS PEPTIDES AND USES THEREOF  
FILE REFERENCE: RII-003CPUSN  
CURRENT FILING DATE: US/10/601,020  
PRIOR APPLICATION NUMBER: 2003-06-20  
PRIOR FILING DATE: 2001-04-13  
PRIOR APPLICATION NUMBER: US 09/719277  
PRIOR FILING DATE: 2001-04-13  
PRIOR APPLICATION NUMBER: US 60/088670

PRIOR FILING DATE: 1998-06-09  
PRIOR APPLICATION NUMBER: US 60/089138  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: PCT/US99/12929  
PRIOR FILING DATE: 1999-06-09  
NUMBER OF SEQ ID NOS: 17  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 5  
LENGTH: 14  
TYPE: PRT  
ORGANISM: Hepatitis C virus  
US-10-601-020-5

Query Match 33.1%; Score 26; DB 6; Length 14;  
Best Local Similarity 83.3%; Pred. No. 3.1e+02;  
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 6 UNLKER 11  
:|||||  
Db 1 INLKER 6

RESULT 9  
US-10-600-747-6  
Sequence 6, Application US/10600747  
GENERAL INFORMATION:  
APPLICANT: Martin, Michele  
APPLICANT: O'Connell, Peter  
APPLICANT: Allred, D. Craig  
APPLICANT: Clark, Gary  
TITLE OF INVENTION: MTAL is a predictive and prognostic factor in human breast cancer  
FILE REFERENCE: P02483US1  
CURRENT FILING DATE: US/10/600,747  
PRIOR APPLICATION NUMBER: 2003-06-20  
PRIOR FILING DATE: 2003-06-21  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 6  
LENGTH: 17  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Peptide  
US-10-600-747-6

Query Match 32.1%; Score 26; DB 6; Length 17;  
Best Local Similarity 45.5%; Pred. No. 3.8e+02;  
Matches 5; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

OY 2 NQKIVNLKERY 12  
:|:|:|:|:|  
Db 2 NPEWVDLPEKL 12

RESULT 10  
US-10-609-217-36  
Sequence 36, Application US/10609217  
GENERAL INFORMATION:  
APPLICANT: FEIGER, ULRICH  
APPLICANT: LIU, CHUAN-FA  
APPLICANT: CHEETHAM, JANET C.  
APPLICANT: BOONE, THOMAS CHARLES  
TITLE OF INVENTION: MODIFIED PEPTIDES AS THERAPEUTIC AGENTS  
FILE REFERENCE: A-527  
CURRENT FILING DATE: US/10/609,217  
PRIOR APPLICATION NUMBER: 2003-06-27  
PRIOR FILING DATE: 1999-10-23  
PRIOR APPLICATION NUMBER: 60/105,371  
PRIOR FILING DATE: 1998-10-23  
NUMBER OF SEQ ID NOS: 1133  
SOFTWARE: PatentIn version 3.1

SEQ ID NO 36  
 LENGTH: 10  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: TPO-MIMETIC PEPTIDE  
 US-10-609-217-36

Query Match 30.9%; Score 25; DB 6; Length 10;  
 Best Local Similarity 50.0%; Pred. No. 3.1e+02;  
 Matches 4; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 8 LKXVQL 15  
 :||:|  
 DB 3 VKDQIAQL 10

RESULT 11  
 US-10-467-209-18  
 Sequence 18, Application US/10467209  
 GENERAL INFORMATION:  
 APPLICANT: Carr, Francis J.  
 APPLICANT: Carter, Graham  
 APPLICANT: Jones, Tim  
 APPLICANT: Williams, Stephen  
 TITLE OF INVENTION: MODIFIED INTERLEUKIN-1 RECEPTOR  
 TITLE OF INVENTION: ANTAGONIST (IL-1RA) WITH REDUCED IMMUNOGENICITY  
 FILE REFERENCE: MER-110  
 CURRENT APPLICATION NUMBER: US/10/467,209  
 CURRENT FILING DATE: 2003-08-05  
 PRIOR APPLICATION NUMBER: 01102573.1  
 PRIOR FILING DATE: 2001-02-06  
 PRIOR APPLICATION NUMBER: 01103954.2  
 PRIOR FILING DATE: 2001-02-19  
 PRIOR APPLICATION NUMBER: PCT/EP02/01170  
 PRIOR FILING DATE: 2002-02-05  
 NUMBER OF SEQ ID NOS: 52  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 18  
 LENGTH: 13  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: MHC class II binding epitope of human lepton  
 US-10-467-209-18

Query Match 30.9%; Score 25; DB 6; Length 13;  
 Best Local Similarity 83.3%; Pred. No. 4e+02;  
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 6 VNLKER 11  
 |||:  
 DB 8 VNLKER 13

RESULT 12  
 US-09-791-551-17  
 Sequence 17, Application US/09791551  
 GENERAL INFORMATION:  
 APPLICANT: KLOETZER, WILLIAM S.  
 APPLICANT: HANNA, NABIL  
 TITLE OF INVENTION: METHOD FOR PREPARING ANTI-MIF ANTIBODIES  
 FILE REFERENCE: 037003/0277869  
 CURRENT APPLICATION NUMBER: US/09/791,551  
 CURRENT FILING DATE: 2001-02-26  
 PRIOR APPLICATION NUMBER: 60/185,390  
 PRIOR FILING DATE: 2000-02-28  
 PRIOR APPLICATION NUMBER: 60/233,625  
 PRIOR FILING DATE: 2000-09-18  
 NUMBER OF SEQ ID NOS: 119  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 17  
 LENGTH: 17

TYPE: PRT  
 ORGANISM: Mus sp.  
 US-09-791-551-17

Query Match 30.9%; Score 25; DB 5; Length 17;  
 Best Local Similarity 27.3%; Pred. No. 5.3e+02;  
 Matches 3; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1 NNKIVNLKER 11  
 :||:|  
 DB 3 SSQSLNINOK 13

RESULT 13  
 PCT-US03-18561-33  
 Sequence 33, Application PC/TUS0318561  
 GENERAL INFORMATION:  
 APPLICANT: New England Medical Center Hospitals, Inc. et al.  
 TITLE OF INVENTION: Rapid Methods For Assessing Therapeutic  
 TITLE OF INVENTION: Activity Using Animals Expressing Constitutively Active G  
 TITLE OF INVENTION: Protein-Coupled Receptors  
 FILE REFERENCE: 00398/51702  
 CURRENT APPLICATION NUMBER: PCT/US03/18561  
 CURRENT FILING DATE: 2003-06-11  
 PRIOR APPLICATION NUMBER: US 60/388,450  
 PRIOR FILING DATE: 2002-06-13  
 NUMBER OF SEQ ID NOS: 87  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 33  
 LENGTH: 10  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic fragment  
 PCT-US03-18561-33

Query Match 29.6%; Score 24; DB 1; Length 10;  
 Best Local Similarity 44.4%; Pred. No. 4.4e+02;  
 Matches 4; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 3 OKIVNLKER 11  
 :||:|  
 DB 2 RKLNCCKOK 10

RESULT 14  
 US-10-462-850-665  
 Sequence 665, Application US/10462850  
 GENERAL INFORMATION:  
 APPLICANT: Proceom Ltd  
 TITLE OF INVENTION: Complementary peptide ligands from the human genome  
 FILE REFERENCE: Human patent  
 CURRENT APPLICATION NUMBER: US/10/462,850  
 CURRENT FILING DATE: 2003-06-17  
 NUMBER OF SEQ ID NOS: 4203  
 SOFTWARE: ProPatent version 1.0  
 SEQ ID NO 665  
 LENGTH: 10  
 TYPE: PRT  
 ORGANISM: Homo Sapiens  
 FEATURE:  
 OTHER INFORMATION: sequence located in APOB at 4459-4468 and may interact with Sequ  
 US-10-462-850-665

Query Match 29.6%; Score 24; DB 6; Length 10;  
 Best Local Similarity 66.7%; Pred. No. 4.4e+02;  
 Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 9 KKKVQAQ 14  
 |||:  
 DB 5 KKKIAE 10

## RESULT 15

PCT-US02-14753A-813

Sequence 813, Application PC/TUS0214753A

## GENERAL INFORMATION:

APPLICANT: Corixa Corporation  
APPLICANT: Xu, Jiangchun  
APPLICANT: Dillon, Devin C.  
APPLICANT: Mitcham, Jennifer L.  
APPLICANT: Harlocker, Susan L.  
APPLICANT: Jiang, Yugu  
APPLICANT: Henderson, Robert A.  
APPLICANT: Kalos, Michael D.  
APPLICANT: Panger, Gary R.  
APPLICANT: Retter, Marc W.  
APPLICANT: Stolk, John A.  
APPLICANT: Day, Craig H.  
APPLICANT: Vedrick, Thomas S.  
APPLICANT: Carter, Darick  
APPLICANT: Li, Samuel X.  
APPLICANT: Wang, Aijun  
APPLICANT: Skelky, Vasir A. W.  
APPLICANT: Hepler, William T.  
APPLICANT: Hurai, John  
APPLICANT: McNeill, Patricia D.  
APPLICANT: Houghton, Raymond L.  
APPLICANT: Vinals Y de Bassols, Carlota  
APPLICANT: Foy, Teresa M.  
APPLICANT: Watanabe, Yoshihiro  
APPLICANT: Deng, Ta  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER  
FILE REFERENCE: 210121.42725PC  
CURRENT APPLICATION NUMBER: PCT/US02/14753A  
CURRENT FILING DATE: 2002-05-09  
NUMBER OF SEQ ID NOS: 1033  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 813  
LENGTH: 15  
TYPE: PRT  
ORGANISM: Homo sapiens  
PCT-US02-14753A-813

## Query Match

29.6%; Score 24; DB 1; length 15;

Best Local Similarity 28.6%; Pred. No. 6.5e+02;  
Matches 4; Conservative 5; Mismatches 5; Indels 0; Gaps 0;

QY 1 NNQIVNLKRYVAQ 14

Db 1 NDLMLIKLDESYSR 14

Search completed: August 26, 2003, 06:55:57  
Job time : 23 secs

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GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: August 26, 2003, 09:16:09 ; Search time 23 Seconds

(without alignments)  
20.102 Million cell updates/sec

Title: US-09-912-741b-2  
Perfect score: 81  
Sequence: 1 NNOKIVLKEKVAQLA 17

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 130441 seqs, 27196460 residues

Total number of hits satisfying chosen parameters: 130441

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database : Pending\_Patents\_AA\_New.\*  
1: /cgn2\_6/ptodata/1/paa/PCT\_NEW\_COMB.pep.\*  
2: /cgn2\_6/ptodata/1/paa/US06\_NEW\_COMB.pep.\*  
3: /cgn2\_6/ptodata/1/paa/US07\_NEW\_COMB.pep.\*  
4: /cgn2\_6/ptodata/1/paa/US08\_NEW\_COMB.pep.\*  
5: /cgn2\_6/ptodata/1/paa/US09\_NEW\_COMB.pep.\*  
6: /cgn2\_6/ptodata/1/paa/US10\_NEW\_COMB.pep.\*  
7: /cgn2\_6/ptodata/1/paa/US60\_NEW\_COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	81	100.0	20	6	US-10-608-541-16
2	81	100.0	27	6	US-10-608-541-77
3	81	100.0	179	7	US-60-485-450-1486
4	81	100.0	437	7	US-60-485-450-1487
5	81	100.0	453	7	US-60-485-450-1488
6	46	56.8	1236	7	US-60-490-890-2280
7	44	54.3	105	6	US-10-603-108-2980
8	44	54.3	1290	6	US-10-603-113-20654
9	43	53.1	600	6	US-10-408-765A-1945
10	43	53.1	810	6	US-10-273-573-8412
11	43	53.1	852	6	US-10-286-897-3441
12	43	53.1	852	6	US-10-286-898A-3441
13	43	53.1	872	6	US-10-286-897-3440
14	43	53.1	872	6	US-10-258-898A-3440
15	43	53.1	886	6	US-10-286-897-7012
16	43	53.1	886	6	US-10-286-897-7013
17	43	53.1	886	6	US-10-258-898A-7012
18	43	53.1	886	6	US-10-258-898A-7013
19	43	53.1	974	6	US-10-273-573-8414
20	42	51.9	420	6	US-10-613-520-1865
21	41	50.6	192	6	US-10-617-320-4293
22	41	50.6	944	6	US-10-326-956-1807
23	40	49.4	20	6	US-10-608-541-15
24	40	49.4	27	6	US-10-608-541-76
25	40	49.4	138	6	US-10-286-897-7136
26	40	49.4	138	6	US-10-258-898A-7136

27	40	49.4	347	6	US-10-613-520-1919	Sequence 1919, Ap
28	40	49.4	350	6	US-10-613-520-1652	Sequence 1652, Ap
29	40	49.4	356	6	US-10-286-897-3566	Sequence 3566, Ap
30	40	49.4	365	6	US-60-478-196-3208	Sequence 3208, Ap
31	40	49.4	421	7	US-10-293-244-1690	Sequence 1690, Ap
32	40	49.4	471	6	US-10-293-244-1658	Sequence 3658, Ap
33	40	49.4	482	6	US-10-603-113-15977	Sequence 15977, A
34	39	48.1	203	6	US-10-603-113-21862	Sequence 21862, A
35	39	48.1	386	6	US-10-326-956-1423	Sequence 1423, Ap
36	39	48.1	429	6	US-10-603-114-6047	Sequence 6047, Ap
37	39	48.1	1080	6	US-10-631-402-3213	Sequence 3213, Ap
38	38	46.9	116	6	US-10-631-441-3213	Sequence 3213, Ap
39	38	46.9	116	6	US-10-631-441-3213	Sequence 10544, A
40	38	46.9	192	6	US-10-273-573-10544	Sequence 10319, Ap
41	38	46.9	215	6	US-10-293-244-1039	Sequence 3007, Ap
42	38	46.9	417	6	US-10-293-244-3007	Sequence 87, Ap
43	38	46.9	417	6	US-10-374-979-87	Sequence 2334, Ap
44	38	46.9	892	6	US-10-374-979-87	
45	38	46.9	1298	6	US-10-603-108-2334	

## ALIGNMENTS

```
RESULT 1
US-10-608-541-16
Sequence 16, Application US/10608541
GENERAL INFORMATION:
APPLICANT: Matti Sallberg
TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS
FILE REFERENCE: TRIPEP.007CP3C1
CURRENT FILING DATE: 2003-06-27
PRIOR APPLICATION NUMBER: US/10/608,541
PRIOR FILING DATE: 2000-09-19
PRIOR APPLICATION NUMBER: 09/532,106
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 09/246,258
PRIOR FILING DATE: 1999-02-08
PRIOR APPLICATION NUMBER: 08/737,085
PRIOR FILING DATE: 1996-12-27
PRIOR APPLICATION NUMBER: PCT/SR 95/00468
PRIOR FILING DATE: 1995-04-27
PRIOR APPLICATION NUMBER: SE 9401460
PRIOR FILING DATE: 1994-04-28
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 16
LENGTH: 20
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Specificity domain peptide
US-10-608-541-16
Query Match 100.0%; Score 81; DB 6; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.8e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 1 NNOKIVLKEKVAQLA 17
Db 3 NNOKIVLKEKVAQLA 19
RESULT 2
US-10-608-541-77
Sequence 77, Application US/10608541
GENERAL INFORMATION:
APPLICANT: Matti Sallberg
TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS
FILE REFERENCE: TRIPEP.007CP3C1
```

```

CURRENT APPLICATION NUMBER: US/10/608,541
CURRENT FILING DATE: 2003-06-27
PRIOR APPLICATION NUMBER: 09/664,945
PRIOR FILING DATE: 2000-09-19
PRIOR APPLICATION NUMBER: 09/532,106
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 09/246,258
PRIOR FILING DATE: 1999-02-08
PRIOR APPLICATION NUMBER: 08/737,085
PRIOR FILING DATE: 1996-12-27
PRIOR APPLICATION NUMBER: PCT/SE 95/00468
PRIOR FILING DATE: 1995-04-27
PRIOR APPLICATION NUMBER: SE 9401460
PRIOR FILING DATE: 1994-04-28
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 77
LENGTH: 27
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Ligand/Receptor specificity exchanger peptide
US-10-608-541-77

```

Query Match	100.0%	Score	81	DB	6	Length	27
Best Local Similarity	100.0%	Pred. Nc	6.5e-06				
Matches	17	Conservative	0	Mismatches	0	Indels	0
						Gaps	0

Qy 1 NNQKIWNLKEKVAQLEA 17  
|||  
Db 3 NNQKIWNLKEKVAQLEA 19

```

RESULT 3
US-60-485-450-1486
Sequence 1486, Application US/60485450
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
APPLICANT: CHANG, Sheng-Yung
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: RESPONSE TO INTERFERON TREATMENT IN HEPATITIS C
TITLE OF INVENTION: VIRUS-INFECTED SUBJECTS, METHODS OF DETECTION AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: CLO01470
CURRENT APPLICATION NUMBER: US/60/485,450
CURRENT FILING DATE: 2003-07-09
NUMBER OF SEQ. ID NOS.: 47859
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 1486
LENGTH: 179
TYPE: PRT
ORGANISM: Homo sapiens
US-60-485-450-1486

```

Query Match	100.0%	Score 81;	DB 7;	Length 179;
Best Local Similarity	100.0%	Pred. No.	4.1e-05;	
Matches 17, Conservative	0;	Mismatches	0;	Gaps 0

```
Qy      1 NNQIVNLKEKVAQLEA 17
         . ||||| ||||| |||||
Db      143 NNQIVNLKEKVAQLEA 159
```

```

RESULT 4
US-60-485-450-1487
; Sequence 1487, Application US/60485450
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele.
; APPLICANT: CHANG, Sheng-Yung
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: RESPONSE TO INTERFERON TREATMENT IN HEPATITIS C
; TITLE OF INVENTION: VIRUS-INFECTED SUBJECTS, METHODS OF DETECTION AND USES
; TITLE OF INVENTION: THEREOF

```

```

; FILE REFERENCE: CLO01A10
; CURRENT APPLICATION NUMBER: US/60/485,450
; CURRENT FILING DATE: 2003-07-09
; NUMBER OF SEQ ID NOS: 47859
; SOFTWARE: FASTSEQ For Windows Version 4.0
; SEQ ID NO: 1487
; LENGTH: 437
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-485-450-1487

```

Query Match	100.0%;	Score 61;	DB 7;	length 437;
Best Local Similarity	100.0%;	Pred. No. 9.9e-05;		
Matches 17;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

```
QY      1 NNOKIVNKEKVAQLEA 17
         |||||
Db      143 NNOKIVNKEKVAQLEA 159
```

```

RESULT 5
US-60-485-450-1488
Sequence 1488, Application US/60485450
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele
APPLICANT: CHANG, Sheng-Yung
TITLE OF INVENTION: GENETIC POLYMORPHISMS
TITLE OF INVENTION: RESPONSE TO INTERFER
TITLE OF INVENTION: VIRUS-INFECTED SUBJE
TITLE OF INVENTION: THERMOF
FILE REFERENCE: CL001470
CURRENT APPLICATION NUMBER: US/60/485,450
CURRENT FILING DATE: 2003-07-09
NUMBER OF SEQ ID NOS: 47859
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1488
LENGTH: 453
TYPE: PRY
ORGANISM: Homo sapiens
US-60-485-450-1488

```

Query Match	100.0%	Score 81;	DB 7;	Length 453;
Best Local Similarity	100.0%	Pred. No. 0.0001;		
Matches 17; Conservative	0;	Mismatches	0;	Gaps 0

QY	1	NNQKIVNLKEKVAQLEA	17
Db	143	NNQKIVNLKEKVAQLEA	159

RESULT 6  
 US-60-490-890-2280  
 : Sequence 2280, Application US/60490890  
 : GENERAL INFORMATION:  
 : APPLICANT: Li, Martha  
 : APPLICANT: Rudnow, Brent A.  
 : APPLICANT: Webster, Kevin R.  
 : APPLICANT: Jackson, Donald  
 : APPLICANT: Wong, Tai W.  
 : TITLE OF INVENTION: BIOMARKERS OF CYCLIN-DEPENDENT KINASE MODULATION  
 : FILE REFERENCE: D0310 PSP  
 : CURRENT APPLICATION NUMBER: US/60/490,890  
 : CURRENT FILING DATE: 2003-07-29  
 : NUMBER OF SEQ ID NOS: 2779  
 : SOFTWARE: PatentIn version 3.2  
 : SEQ ID NO 2280  
 :  
 : LENGTH: 1236  
 : TYPE: PRT  
 : ORGANISM: Homo sapiens  
 US-60-490-890-2280

Query Match	56.8%;	Score 46;	DB 7;	Length 1236;
Best Local Similarity	41.2%;	Pred. NO. 32;		

Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 1 NNOKIVLKEKVAQL 17  
|:|:|:|:|:|:|:  
DB 1084 NEAEVYNNSEELAQLES 1100

## RESULT 7

US-10-603-108-2980  
; Sequence 2980, Application US/10603108  
; GENERAL INFORMATION:  
; APPLICANT: Gary L. Breton  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO MORAXELLA CATAR  
; FILE REFERENCE: PATH03-14  
; CURRENT APPLICATION NUMBER: US/10/603,108  
; CURRENT FILING DATE: 2003-06-24  
; PRIOR APPLICATION NUMBER: US 09/540,263  
; PRIOR FILING DATE: 2000-04-04  
; PRIOR APPLICATION NUMBER: US 60/125,416  
; PRIOR FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 3840  
; SEQ ID NO 2980  
; LENGTH: 105  
; TYPE: PRT  
; ORGANISM: M.catarhalis  
US-10-603-108-2980

Query Match 54.3%; Score 44; DB 6; Length 105;  
Best Local Similarity 53.3%; Pred. No. 5.6;  
Matches 8; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1 NNOKIVLKEKVAQL 15  
|:|:|:|:|:|:|:  
DB 71 DNAAKATLKEKVAEL 85

## RESULT 8

US-10-603-113-20654  
; Sequence 20654, Application US/10603113  
; GENERAL INFORMATION:  
; APPLICANT: Keith Weinstein et al  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN  
; FILE REFERENCE: 107196,132  
; CURRENT APPLICATION NUMBER: US/10/603,113  
; CURRENT FILING DATE: 2003-06-24  
; PRIOR APPLICATION NUMBER: US/09/248,796  
; PRIOR FILING DATE: 1999-02-12  
; NUMBER OF SEQ ID NOS: 28206  
; SEQ ID NO 20654  
; LENGTH: 1290  
; TYPE: PRT  
; ORGANISM: Candida albicans  
; FEATURE:  
; NAME/KEY: UNSURE  
; LOCATION: (56), (60), (62), (65), (66), (109)  
; OTHER INFORMATION: Identity of amino acid sequences at the above locations are unkno  
US-10-603-113-20654

Query Match 54.3%; Score 44; DB 6; Length 1290;  
Best Local Similarity 53.3%; Pred. No. 65;  
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 2 NOKIVLKEKVAQL 16  
|:|:|:|:|:|:|:  
DB 517 NARINIFEXKLAQIR 531

## RESULT 9

US-10-408-765A-1945  
; Sequence 1945, Application US/10408765A  
; GENERAL INFORMATION:

; APPLICANT: Ghosh, Soumitra S.  
; APPLICANT: Fahy, Eoin D.  
; APPLICANT: Zhang, Bing  
; APPLICANT: Gibson, Bradford W.  
; APPLICANT: Taylor, Steven W.  
; APPLICANT: Glenn, Gary W.  
; APPLICANT: Marnock, Dale E.  
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION  
; FILE REFERENCE: 660088,465  
; CURRENT APPLICATION NUMBER: US/10/408,765A  
; CURRENT FILING DATE: 2003-04-04  
; NUMBER OF SEQ ID NOS: 3077  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1945  
; LENGTH: 600  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-408-765A-1945

Query Match 53.1%; Score 43; DB 6; Length 600;  
Best Local Similarity 66.7%; Pred. No. 43;  
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 4 KIVNLKEKVAQL 15  
|:|:|:|:|:|:|:  
DB 447 KVVNLKEKIKEL 458

## RESULT 10

US-10-273-573-8412  
; Sequence 8412, Application US/10273573  
; GENERAL INFORMATION:  
; APPLICANT: Hyseq, Inc  
; TITLE OF INVENTION: NOVEL MACROPHAGE NUCLEIC ACIDS AND POLYPEPTIDES  
; FILE REFERENCE: 21272-066  
; CURRENT APPLICATION NUMBER: US/10/273,573  
; CURRENT FILING DATE: 2002-10-18  
; PRIOR APPLICATION NUMBER: 09/522,929  
; PRIOR FILING DATE: 2000-04-18  
; PRIOR APPLICATION NUMBER: 2001-01-26  
; PRIOR FILING DATE: 2001-01-26  
; NUMBER OF SEQ ID NOS: 10994  
; SOFTWARE: Custom  
; SEQ ID NO 8412  
; LENGTH: 810  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: DOMAIN  
; LOCATION: (180)..(212)  
; OTHER INFORMATION: Bacterial-type phytoene dehydrogenase proteins domain  
; OTHER INFORMATION: Identified by eMATRIX, accession number BL00982A, p-value=7.750e-  
; OTHER INFORMATION: accession name Amino\_oxidase, E-value=3.2e-43, Pfam score of 157.  
US-10-273-573-8412

Query Match 53.1%; Score 43; DB 6; Length 810;  
Best Local Similarity 66.7%; Pred. No. 58;  
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 4 KIVNLKEKVAQL 15  
|:|:|:|:|:|:|:  
DB 345 KVVNLKEKIKEL 356

## RESULT 11

US-10-286-897-3441  
; Sequence 3441, Application US/10286897

```

; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: Novel Nucleic Acid and Polypeptides
; FILE REFERENCE: 784FLECT
; CURRENT APPLICATION NUMBER: US/10/286,897
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US/09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US/09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: US/09/598,042
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: US/09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US/09/653,450
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: US/09/662,191
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: US/09/693,036
; PRIOR FILING DATE: 2000-10-19
; PRIOR APPLICATION NUMBER: US/09/727,344
; PRIOR FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 7143
; SOFTWARE: pc_FL_genes_b Versions 1.0
; SEQ ID NO 3441
; LENGTH: 852
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-286-897-3441

```

```

Query Match          53.1%; Score 43; DB 6; Length 852;
Best Local Similarity 66.7%; Pred. No. 61;
Matches      8; Conservative      3; Mismatches      1; Indels      0; Gaps      0;

```

```

Qy      4 KIVNLEKRYAQL 15
      :|:|||||:|
      447 KVVNLKEKIKEL 458

```

```

RESULT 12
US-10-258-898A-3441
; Sequence 3441, Application US/10258898A
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: Novel Nucleic Acid and Polypeptides
; FILE REFERENCE: 784FLECT
; CURRENT APPLICATION NUMBER: US/10/258,898A
; CURRENT FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: US/09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: US09/598,042
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: US09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US09/653,450
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: US09/662,191
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: US09/693,036
; PRIOR FILING DATE: 2000-10-19
; PRIOR APPLICATION NUMBER: US09/727,344
; PRIOR FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 7143
; SOFTWARE: pc_FL_genes_b Versions 1.0
; SEQ ID NO 3441
; LENGTH: 852
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-258-898A-3441
Query Match          53.1%; Score 43; DB 6; Length 852;

```

```

Best Local Similarity 66.7%; Pred. No. 61;
Matches      8; Conservative      3; Mismatches      1; Indels      0; Gaps      0;

```

```

Qy      4 KIVNLEKRYAQL 15
      :|:|||||:|
      447 KVVNLKEKIKEL 458

```

```

RESULT 13
US-10-286-897-3440
; Sequence 3440, Application US/10286897
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: Novel Nucleic Acid and Polypeptides
; FILE REFERENCE: 784FLECT
; CURRENT APPLICATION NUMBER: US/10/286,897
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US/09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US/09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: US/09/598,042
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: US/09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US/09/653,450
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: US/09/662,191
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: US/09/693,036
; PRIOR FILING DATE: 2000-10-19
; PRIOR APPLICATION NUMBER: US/09/727,344
; PRIOR FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 7143
; SOFTWARE: pc_FL_genes_b Versions 1.0
; SEQ ID NO 3440
; LENGTH: 872
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-286-897-3440

```

```

Query Match          53.1%; Score 43; DB 6; Length 872;
Best Local Similarity 66.7%; Pred. No. 62;
Matches      8; Conservative      3; Mismatches      1; Indels      0; Gaps      0;

```

```

Qy      4 KIVNLEKRYAQL 15
      :|:|||||:|
      467 KVVNLKEKIKEL 478

```

```

RESULT 14
US-10-258-898A-3440
; Sequence 3440, Application US/10258898A
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: Novel Nucleic Acid and Polypeptides
; FILE REFERENCE: 784FLECT
; CURRENT APPLICATION NUMBER: US/10/258,898A
; CURRENT FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: US/09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: US09/598,042
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: US09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US09/653,450
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: US09/662,191
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: US09/693,036
; PRIOR FILING DATE: 2000-10-19

```



```

; PRIOR APPLICATION NUMBER: US09/727,344
; PRIOR FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 7143
; SOFTWARE: pt_FL_genes_b Versions 1.0
; SEQ ID NO 3440
; LENGTH: 872
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-258-898A-3440

```

```

Query Match      53.1%; Score 43; DB 6; Length 872;
Best Local Similarity 66.7%; Pred. No. 62;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      4 KIVNLEKKAQL 15
      |||:||||:|
Db      467 KMNVLKEKIKEL 478

```

```

RESULT 15
US-10-286-897-7012
; Sequence 7012, Application US/10286897
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: Novel Nucleic Acid and Polypeptides
; FILE REFERENCE: 784FLPCT
; CURRENT APPLICATION NUMBER: US/10/286,897
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: US/09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US/09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: US/09/598,042
; PRIOR FILING DATE: 2000-06-20
; PRIOR APPLICATION NUMBER: US/09/620,312
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US/09/653,450
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: US/09/662,191
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: US/09/693,036
; PRIOR FILING DATE: 2000-10-19
; PRIOR APPLICATION NUMBER: US/09/727,344
; PRIOR FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 7143
; SOFTWARE: pt_FL_genes_b Versions 1.0
; SEQ ID NO 7012
; LENGTH: 886
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-286-897-7012

```

```

Query Match      53.1%; Score 43; DB 6; Length 886;
Best Local Similarity 66.7%; Pred. No. 63;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      4 KIVNLEKKAQL 15
      |||:||||:|
Db      481 KMNVLKEKIKEL 492

```

Search completed: August 26, 2003, 09:26:04  
 Job time : 23 secs

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GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: August 26, 2003, 09:15:39 ; Search time 378 Seconds  
(without alignments)  
39.143 Million cell updates/sec

Title: US-09-912-741B-2  
Perfect score: 81  
Sequence: 1 NNOKIVLKEKVAQLA 17

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 5580241 seqs, 870357830 residues

Total number of hits satisfying chosen parameters: 5580241

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Pending\_Patents\_AA\_Main:\*

1: /cgn2\_6/ptodata/1/paa/US087\_COMB.pep.\*  
2: /cgn2\_6/ptodata/1/paa/US06\_COMB.pep.\*  
3: /cgn2\_6/ptodata/1/paa/US07\_COMB.pep.\*  
4: /cgn2\_6/ptodata/1/paa/US08\_COMB.pep.\*  
5: /cgn2\_6/ptodata/1/paa/US081\_COMB.pep.\*  
6: /cgn2\_6/ptodata/1/paa/US082\_COMB.pep.\*  
7: /cgn2\_6/ptodata/1/paa/US083\_COMB.pep.\*  
8: /cgn2\_6/ptodata/1/paa/US084\_COMB.pep.\*  
9: /cgn2\_6/ptodata/1/paa/US085\_COMB.pep.\*  
10: /cgn2\_6/ptodata/1/paa/US086\_COMB.pep.\*  
11: /cgn2\_6/ptodata/1/paa/US087\_COMB.pep.\*  
12: /cgn2\_6/ptodata/1/paa/US088\_COMB.pep.\*  
13: /cgn2\_6/ptodata/1/paa/US089\_COMB.pep.\*  
14: /cgn2\_6/ptodata/1/paa/US090\_COMB.pep.\*  
15: /cgn2\_6/ptodata/1/paa/US091\_COMB.pep.\*  
16: /cgn2\_6/ptodata/1/paa/US092\_COMB.pep.\*  
17: /cgn2\_6/ptodata/1/paa/US093\_COMB.pep.\*  
18: /cgn2\_6/ptodata/1/paa/US094\_COMB.pep.\*  
19: /cgn2\_6/ptodata/1/paa/US095\_COMB.pep.\*  
20: /cgn2\_6/ptodata/1/paa/US096\_COMB.pep.\*  
21: /cgn2\_6/ptodata/1/paa/US097\_COMB.pep.\*  
22: /cgn2\_6/ptodata/1/paa/US097b\_COMB.pep.\*  
23: /cgn2\_6/ptodata/1/paa/US098\_COMB.pep.\*  
24: /cgn2\_6/ptodata/1/paa/US099\_COMB.pep.\*  
25: /cgn2\_6/ptodata/1/paa/US099b\_COMB.pep.\*  
26: /cgn2\_6/ptodata/1/paa/US100\_COMB.pep.\*  
27: /cgn2\_6/ptodata/1/paa/US101\_COMB.pep.\*  
28: /cgn2\_6/ptodata/1/paa/US102\_COMB.pep.\*  
29: /cgn2\_6/ptodata/1/paa/US103\_COMB.pep.\*  
30: /cgn2\_6/ptodata/1/paa/US104\_COMB.pep.\*  
31: /cgn2\_6/ptodata/1/paa/US104b\_COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	81	100.0	17	US-09-912-740A-2	Sequence 2, Appli
2	81	100.0	17	US-09-912-741A-2	Sequence 2, Appli

3 81 100.0 17 24 US-09-912-741B-2  
4 81 100.0 18 24 US-09-912-740A-3  
5 81 100.0 18 24 US-09-912-741A-3  
6 81 100.0 18 24 US-09-912-741B-3  
7 81 100.0 20 20 US-09-664-025-16  
8 81 100.0 20 20 US-09-664-945-16  
9 81 100.0 20 24 US-09-912-740A-4  
10 81 100.0 20 24 US-09-912-741A-4  
11 81 100.0 20 24 US-09-912-741B-4  
12 81 100.0 27 20 US-09-664-025-77  
13 81 100.0 27 20 US-09-664-945-77  
14 81 100.0 100 30 US-10-424-599-161283  
15 81 100.0 117 31 US-09-912-741A-3  
16 81 100.0 117 31 US-09-912-741B-3  
17 81 100.0 117 31 US-09-912-741A-4  
18 81 100.0 117 31 US-09-912-741B-4  
19 81 100.0 179 31 US-60-453-050-13228  
20 81 100.0 179 31 US-60-453-135-13228  
21 81 100.0 179 31 US-60-455-444-7080  
22 81 100.0 179 31 US-60-465-241-7080  
23 81 100.0 195 31 US-60-466-412-13228  
24 81 100.0 195 31 US-09-724-676-74592  
25 81 100.0 206 21 US-09-724-676-74582  
26 81 100.0 212 22 US-09-724-676-74598  
27 81 100.0 267 21 US-09-724-676-74598  
28 81 100.0 284 21 US-09-724-676-74581  
29 81 100.0 284 21 US-09-724-676-74591  
30 81 100.0 299 21 US-09-724-676-74591  
31 81 100.0 316 21 US-09-724-676-74596  
32 81 100.0 316 21 US-09-724-676-74596  
33 81 100.0 316 21 US-09-724-676-74596  
34 81 100.0 319 22 US-09-724-676-74590  
35 81 100.0 319 22 US-09-724-676-74590  
36 81 100.0 348 21 US-09-724-676-74590  
37 81 100.0 348 21 US-09-724-676-74590  
38 81 100.0 388 21 US-09-724-676-74580  
39 81 100.0 388 21 US-09-724-676-74580  
40 81 100.0 410 22 US-09-724-676-74580  
41 81 100.0 411 24 US-09-912-740A-1  
42 81 100.0 411 24 US-09-912-741A-1  
43 81 100.0 411 24 US-09-912-741B-1  
44 81 100.0 437 1 PCT-US03-17409-234  
45 81 100.0 437 21 US-09-724-676-74597

## ALIGNMENTS

RESULT 1  
US-09-912-740A-2  
Sequence 2, Application US/09912740A  
GENERAL INFORMATION:  
APPLICANT: Altieri, Dario C  
APPLICANT: Langiuno, Lucia R  
APPLICANT: Thornton, George B  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING  
TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION  
FILE REFERENCE: 300,1DIV3  
CURRENT APPLICATION NUMBER: US/09/912,740A  
CURRENT FILING DATE: 2002-05-07  
PRIOR APPLICATION NUMBER: US 09/347,877  
PRIOR FILING DATE: 1999-07-06  
PRIOR APPLICATION NUMBER: US 08/748,150  
PRIOR FILING DATE: 1996-11-12  
PRIOR APPLICATION NUMBER: US 08/232,532  
PRIOR FILING DATE: 1994-04-25  
PRIOR APPLICATION NUMBER: US 08/139,562  
PRIOR FILING DATE: 1993-10-19  
PRIOR APPLICATION NUMBER: US 07/898,117  
PRIOR FILING DATE: 1992-06-12  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2

LENGTH: 17  
TYPE: PRT  
ORGANISM: Unknown  
FEATURE:  
OTHER INFORMATION: synthesized  
US-09-912-740A-2

Query Match 100.0%; Score 81; DB 24; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.9e-06;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNKEKVAQLEA 17  
|||||  
Db 1 NNOKIVNKEKVAQLEA 17

RESULT 2  
US-09-912-741A-2  
Sequence 2, Application US/09912741A  
GENERAL INFORMATION:  
APPLICANT: Altieri, Dario C  
APPLICANT: Langino, Lucia R  
APPLICANT: Thornton, George B  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING  
TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION  
FILE REFERENCE: 300.1D1V4  
CURRENT APPLICATION NUMBER: US/09/912,741A  
CURRENT FILING DATE: 2001-07-24  
PRIOR APPLICATION NUMBER: US 09/347,877  
PRIOR FILING DATE: 1999-07-06  
PRIOR APPLICATION NUMBER: US 08/748,150  
PRIOR FILING DATE: 1996-11-12  
PRIOR APPLICATION NUMBER: US 08/232,532  
PRIOR FILING DATE: 1994-04-25  
PRIOR APPLICATION NUMBER: US 08/139,562  
PRIOR FILING DATE: 1993-10-19  
PRIOR APPLICATION NUMBER: US 07/898,117  
PRIOR FILING DATE: 1992-06-12  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 17  
TYPE: PRT  
ORGANISM: Unknown  
FEATURE:  
OTHER INFORMATION: synthesized  
US-09-912-741A-2

Query Match 100.0%; Score 81; DB 24; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.9e-06;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNKEKVAQLEA 17  
|||||  
Db 1 NNOKIVNKEKVAQLEA 17

RESULT 3  
US-09-912-741B-2  
Sequence 2, Application US/09912741B  
GENERAL INFORMATION:  
APPLICANT: Altieri, Dario C  
APPLICANT: Langino, Lucia R  
APPLICANT: Thornton, George B  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING  
TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION  
FILE REFERENCE: 300.1D1V4  
CURRENT APPLICATION NUMBER: US/09/912,741B  
CURRENT FILING DATE: 2001-07-24  
PRIOR APPLICATION NUMBER: US 09/347,877  
PRIOR FILING DATE: 1999-07-06  
PRIOR APPLICATION NUMBER: US 08/748,150  
PRIOR FILING DATE: 1996-11-12

PRIOR APPLICATION NUMBER: US 08/232,532  
PRIOR FILING DATE: 1994-04-25  
PRIOR APPLICATION NUMBER: US 08/139,562  
PRIOR FILING DATE: 1993-10-19  
PRIOR APPLICATION NUMBER: US 07/898,117  
PRIOR FILING DATE: 1992-06-12  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 17  
TYPE: PRT  
ORGANISM: Unknown  
FEATURE:  
OTHER INFORMATION: synthesized  
US-09-912-741B-2

Query Match 100.0%; Score 81; DB 24; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.9e-06;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNKEKVAQLEA 17  
|||||  
Db 1 NNOKIVNKEKVAQLEA 17

RESULT 4  
US-09-912-740A-3  
Sequence 3, Application US/09912740A  
GENERAL INFORMATION:  
APPLICANT: Altieri, Dario C  
APPLICANT: Langino, Lucia R  
APPLICANT: Thornton, George B  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING  
TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION  
FILE REFERENCE: 300.1D1V3  
CURRENT APPLICATION NUMBER: US/09/912,740A  
CURRENT FILING DATE: 2002-05-07  
PRIOR APPLICATION NUMBER: US 09/347,877  
PRIOR FILING DATE: 1999-07-06  
PRIOR APPLICATION NUMBER: US 08/748,150  
PRIOR FILING DATE: 1996-11-12  
PRIOR APPLICATION NUMBER: US 08/232,532  
PRIOR FILING DATE: 1994-04-25  
PRIOR APPLICATION NUMBER: US 08/139,562  
PRIOR FILING DATE: 1993-10-19  
PRIOR APPLICATION NUMBER: US 07/898,117  
PRIOR FILING DATE: 1992-06-12  
NUMBER OF SEQ ID NOS: 5  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 3  
LENGTH: 18  
TYPE: PRT  
ORGANISM: Unknown  
FEATURE:  
OTHER INFORMATION: synthesized  
US-09-912-740A-3

Query Match 100.0%; Score 81; DB 24; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.3e-06;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNKEKVAQLEA 17  
|||||  
Db 1 NNOKIVNKEKVAQLEA 17

RESULT 5  
US-09-912-741A-3  
Sequence 3, Application US/09912741A  
GENERAL INFORMATION:  
APPLICANT: Altieri, Dario C  
APPLICANT: Langino, Lucia R  
APPLICANT: Thornton, George B

```

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
; TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
; FILE REFERENCE: 300.1D1v4
; CURRENT APPLICATION NUMBER: US/09/912,741A
; PRIOR FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: US 09/347,877
; PRIOR FILING DATE: 1999-07-06
; PRIOR APPLICATION NUMBER: US 08/748,150
; PRIOR FILING DATE: 1996-11-12
; PRIOR APPLICATION NUMBER: US 08/232,532
; PRIOR FILING DATE: 1994-04-25
; PRIOR APPLICATION NUMBER: US 08/139,562
; PRIOR FILING DATE: 1993-10-19
; PRIOR APPLICATION NUMBER: US 07/898,117
; PRIOR FILING DATE: 1992-06-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthesized
; US-09-912-741b-3

Query Match          100.0%; Score 81; DB 24; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1 NNOKIVNLKERVAAQLEA 17
        |||||
        1 NNOKIVNLKERVAAQLEA 17

Db

; RESULT 6
; US-09-912-741b-3
; Sequence 3, Application US/09912741B
; GENERAL INFORMATION:
; APPLICANT: Altieri, Dario C
; APPLICANT: Languino, Lucia R
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
; TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
; FILE REFERENCE: 300.1D1v4
; CURRENT APPLICATION NUMBER: US/09/912,741B
; PRIOR FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: US 09/347,877
; PRIOR FILING DATE: 1999-07-06
; PRIOR APPLICATION NUMBER: US 08/748,150
; PRIOR FILING DATE: 1996-11-12
; PRIOR APPLICATION NUMBER: US 08/232,532
; PRIOR FILING DATE: 1994-04-25
; PRIOR APPLICATION NUMBER: US 08/139,562
; PRIOR FILING DATE: 1993-10-19
; PRIOR APPLICATION NUMBER: US 07/898,117
; PRIOR FILING DATE: 1992-06-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthesized
; US-09-912-741b-3

Query Match          100.0%; Score 81; DB 24; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.3e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1 NNOKIVNLKERVAAQLEA 17
        |||||
        1 NNOKIVNLKERVAAQLEA 17

Db
```

```

; RESULT 7
; US-09-664-025-16
; Sequence 16, Application US/09664025
; GENERAL INFORMATION:
; APPLICANT: Maltz Sallberg
; TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS
; TITLE OF INVENTION: THAT REDIRECT ANTIBODIES TO RECEPTORS ON A PATHOGEN
; FILE REFERENCE: TRIPEP.022AUS
; CURRENT APPLICATION NUMBER: US/09/664,025
; PRIOR FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Specificity domain peptide
; US-09-664-025-16

Query Match          100.0%; Score 81; DB 20; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1 NNOKIVNLKERVAAQLEA 17
        |||||
        3 NNOKIVNLKERVAAQLEA 19

Db

; RESULT 8
; US-09-664-945-16
; Sequence 16, Application US/09664945
; GENERAL INFORMATION:
; APPLICANT: Maltz Sallberg
; TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS
; TITLE OF INVENTION: THAT REDIRECT ANTIBODIES TO RECEPTORS ON A PATHOGEN
; FILE REFERENCE: TRIPEP.0070P3
; CURRENT APPLICATION NUMBER: US/09/664,945
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/532,106
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 09/246,258
; PRIOR FILING DATE: 1999-02-08
; PRIOR APPLICATION NUMBER: 08/737,085
; PRIOR FILING DATE: 1996-12-27
; PRIOR APPLICATION NUMBER: SE 9401460
; PRIOR FILING DATE: 1994-04-28
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Specificity domain peptide
; US-09-664-945-16

Query Match          100.0%; Score 81; DB 20; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1 NNOKIVNLKERVAAQLEA 17
        |||||
        3 NNOKIVNLKERVAAQLEA 19

Db

; RESULT 9
; US-09-912-740a-4
; Sequence 4, Application US/09912740A
; GENERAL INFORMATION:
; APPLICANT: Altieri, Dario C
```

```

; APPLICANT: Languiño, Lucia R
; APPLICANT: Thornton, George B
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
; TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
; FILE REFERENCE: 300.1D1V3
; CURRENT APPLICATION NUMBER: US/09/912,740A
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/347,877
; PRIOR FILING DATE: 1999-07-06
; PRIOR APPLICATION NUMBER: US 08/748,150
; PRIOR FILING DATE: 1996-11-12
; PRIOR APPLICATION NUMBER: US 08/232,532
; PRIOR FILING DATE: 1994-04-25
; PRIOR APPLICATION NUMBER: US 08/139,562
; PRIOR FILING DATE: 1993-10-19
; PRIOR APPLICATION NUMBER: US 07/898,117
; PRIOR FILING DATE: 1992-06-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-912-740A-4
```

```

Query Match          100.0%; Score 81; DB 24; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 NNOKIVNKEKVAQLEA 17
        |||||
Db      4 NNOKIVNKEKVAQLEA 20
```

```

RESULT 10
US-09-912-741A-4
; Sequence 4, Application US/09912741A
; GENERAL INFORMATION:
; APPLICANT: Altieri, Dario C
; APPLICANT: Languiño, Lucia R
; APPLICANT: Thornton, George B
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
; TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
; FILE REFERENCE: 300.1D1V4
; CURRENT APPLICATION NUMBER: US/09/912,741A
; CURRENT FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: US 09/347,877
; PRIOR FILING DATE: 1999-07-06
; PRIOR APPLICATION NUMBER: US 08/748,150
; PRIOR FILING DATE: 1996-11-12
; PRIOR APPLICATION NUMBER: US 08/232,532
; PRIOR FILING DATE: 1994-04-25
; PRIOR APPLICATION NUMBER: US 08/139,562
; PRIOR FILING DATE: 1993-10-19
; PRIOR APPLICATION NUMBER: US 07/898,117
; PRIOR FILING DATE: 1992-06-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-912-741A-4
```

```

Query Match          100.0%; Score 81; DB 24; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      1 NNOKIVNKEKVAQLEA 17
```

```

Db      4 NNOKIVNKEKVAQLEA 20
        |||||
```

```

RESULT 11
US-09-912-741B-4
; Sequence 4, Application US/09912741B
; GENERAL INFORMATION:
; APPLICANT: Altieri, Dario C
; APPLICANT: Languiño, Lucia R
; APPLICANT: Thornton, George B
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INHIBITING
; TITLE OF INVENTION: ENDOTHELIAL CELL AND FIBRINOGEN MEDIATED INFLAMMATION
; FILE REFERENCE: 300.1D1V4
; CURRENT APPLICATION NUMBER: US/09/912,741B
; CURRENT FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: US 09/347,877
; PRIOR FILING DATE: 1999-07-06
; PRIOR APPLICATION NUMBER: US 08/748,150
; PRIOR FILING DATE: 1996-11-12
; PRIOR APPLICATION NUMBER: US 08/232,532
; PRIOR FILING DATE: 1994-04-25
; PRIOR APPLICATION NUMBER: US 08/139,562
; PRIOR FILING DATE: 1993-10-19
; PRIOR APPLICATION NUMBER: US 07/898,117
; PRIOR FILING DATE: 1992-06-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-912-741B-4
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Query Match          100.0%; Score 81; DB 24; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 NNOKIVNKEKVAQLEA 17
        |||||
Db      4 NNOKIVNKEKVAQLEA 20
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RESULT 12
US-09-664-025-77
; Sequence 77, Application US/09664025
; GENERAL INFORMATION:
; APPLICANT: Macti Salberg
; TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS
; TITLE OF INVENTION: THAT REDIRECT ANTIBODIES TO RECEPTORS ON A PATHOGEN
; FILE REFERENCE: TRIPED.022AUS
; CURRENT APPLICATION NUMBER: US/09/664,025
; CURRENT FILING DATE: 2000-09-19
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 77
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ligand/Receptor specificity exchanger peptide
US-09-664-025-77
```

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Query Match          100.0%; Score 81; DB 20; Length 27;
Best Local Similarity 100.0%; Pred. No. 8.9e-06;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 NNOKIVNKEKVAQLEA 17
        |||||
Db      3 NNOKIVNKEKVAQLEA 19
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RESULT 13  
US-09-664-945-77  
; Sequence 77, Application US/09664945  
; GENERAL INFORMATION:  
; APPLICANT: Matti Salberg  
; TITLE OF INVENTION: LIGAND/RECEPTOR SPECIFICITY EXCHANGERS  
; FILE REFERENCE: THAT REDIRECT ANTIBODIES TO RECEPTORS ON A PATHOGEN  
; CURRENT APPLICATION NUMBER: US/09/664,945  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: 09/246,258  
; PRIOR FILING DATE: 1999-02-08  
; PRIOR APPLICATION NUMBER: 08/737,085  
; PRIOR FILING DATE: 1996-12-27  
; PRIOR APPLICATION NUMBER: SE 9401460  
; NUMBER OF SEQ ID NOS: 105  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 77  
; LENGTH: 27  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Ligand/Receptor specificity exchanger peptide  
US-09-664-945-77

Query Match 100.0%; Score 81; DB 20; Length 27;  
Best Local Similarity 100.0%; Pred. No. 8.9e-06;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLKERVQAQLEA 17  
|||  
Db 3 NNOKIVNLKERVQAQLEA 19

RESULT 14  
US-10-424-599-161283  
; Sequence 161283, Application US/10424599  
; GENERAL INFORMATION:  
; APPLICANT: La Rosa Thomas J  
; APPLICANT: Kovalic David K  
; APPLICANT: Zhou Yihua  
; APPLICANT: Cao Yongwei  
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With  
; FILE REFERENCE: 38-21(53223)B  
; CURRENT APPLICATION NUMBER: US/10/424,599  
; CURRENT FILING DATE: 2003-04-28  
; NUMBER OF SEQ ID NOS: 285684  
; SEQ ID NO 161283  
; LENGTH: 100  
; TYPE: PRT  
; ORGANISM: Glycine max  
; FEATURE:  
; OTHER INFORMATION: Clone ID: PAT\_MRT3847\_116657C.1.pep  
US-10-424-599-161283

Query Match 100.0%; Score 81; DB 30; Length 100;  
Best Local Similarity 100.0%; Pred. No. 4.8e-05;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLKERVQAQLEA 17  
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Db 18 NNOKIVNLKERVQAQLEA 34

RESULT 15  
US-09-724-676-74594  
; Sequence 74594, Application US/09724676  
; GENERAL INFORMATION:

; APPLICANT: Compugen LTD  
; TITLE OF INVENTION: Variants of alternative splicing  
; FILE REFERENCE: 129181.4 Compugen  
; CURRENT APPLICATION NUMBER: US/09/724,676  
; NUMBER OF SEQ ID NOS: 97222  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 74594  
; LENGTH: 117  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-724-676-74594

Query Match 100.0%; Score 81; DB 21; Length 117;  
Best Local Similarity 100.0%; Pred. No. 5.9e-05;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 NNOKIVNLKERVQAQLEA 17  
|||  
Db 54 NNOKIVNLKERVQAQLEA 70

Search completed: August 26, 2003, 09:25:34  
Job time : 378 secs

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